

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1336	test\$3 and nuclear adj fuel and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:07
L2	16	L1 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:08
L3	0	L2 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:08
L4	0	L2 and(acquiring or obtaining)and digital adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:08
L5	0	L2 and digital adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:09
L6	0	L2 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:09
L7	2	L1 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:10

L8	31362	"376"/\$.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:15
L9	759	L8 and test\$3 and nuclear adj fuel and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:15
L10	0	L9 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:16
L11	0	L9 and (detect\$3 or determining)and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:16
L12	0	L9 and (detect\$3 or determining)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:16
L13	287	L1 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and nuclear adj fuel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:17
L14	132	L1 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and nuclear adj fuel same rod	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:18
L15	2	L14 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:18
L16	1	L15 and digital adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:19

L17	1	L14 and digital adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:20
S1	337	non-destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 13:38
S2	2	non-destructive and test\$3 and nuclear adj reactor and radiographic and digital adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 13:39
S3	10	non-destructive and test\$3 and nuclear adj reactor and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 13:43
S4	9	S3 and(@ad<"20031124" or @rlad<"20031124" or @prad<"20031124" or @ptad<"20031124")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 13:49
S5	9	S3 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 13:50
S6	0	(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and welding adj joints and radiographic and digital adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 13:56
S7	286	(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and radiographic and digital adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 13:57
S8	375	(test\$3 or inspect\$3 or examining)and(defect\$3 or determining)and(defect or flaw or fault) and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 13:58

S9	307	S8 and(@ad<"20031124" or @lad<"20031124" or @prad<"20031124" or @ptad<"20031124")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 13:58
S10	257	S8 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 13:59
S11	75	S10 and(comparison or match\$3)and(stored or memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:00
S12	0	S11 and assisting and rotating adj object and record\$3 adj image\$1 and digital adj mapp and welded adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:06
S13	0	S10 and assisting and rotating adj object and record\$3 adj image\$1 and digital adj mapp and welded adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:06
S14	375	(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault) and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:10
S15	0	S14 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and radiographic adj image\$1 and welding adj joints and tubing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:12
S16	1	S14 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and radiographic adj image\$1 and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:20
S17	106	(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault) and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:21

S18	1	S17 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:22
S19	106	(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault) and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:29
S20	0	S19 and nuclear adj fuel and rods	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:30
S21	348	non adj destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:33
S22	1	S21 and(acquiring or obtaining)near2 radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:35
S23	3	S21 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:35
S24	2	S23 and @ad< "20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:36
S25	0	S24 and(comparision or match\$3)and(stored or memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:36
S26	2	S24 and(comparision or match\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:37

S27	0	S26 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:37
S28	0	S26 and(test\$3 or inspect\$3 or examining or detect\$3 or determining)and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:38
S29	0	S26 and(test\$3 or inspect\$3 or examining or detect\$3 or determining defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:38
S30	2	S26 and(test\$3 or inspect\$3 or examining or detect\$3 or determining defect or flaw or fault)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:38
S31	0	S30 and thickness adj measured	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:39
S32	1	S30 and thickness and measured	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:39
S33	0	S32 and porous and(areas or region)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:40
S34	0	S32 and porous and(area or region)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:40
S35	0	S32 and bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:41

S36	0	S32 and(nuclear adj fuel or rods)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:42
S37	0	S32 and(nuclear adj fuel or rods)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:42
S38	0	S32 and angles	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:43
S39	0	S32 and dimension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:44
S40	4	((PHILIPPE) near2 (MAHE)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/06 14:45
S41	1	S40 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:46
S42	1	S41 and(comparison or match\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:47
S43	1	S42 and(test\$3 or inspect\$3 or examining or detect\$3 or determining defect or flaw or fault)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:47
S44	0	S43 and(@ad<"20031124" or @rlad<"20031124" or @prad<"20031124" or @ptad<"20031124")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:47

S45	0	S43 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:48
S46	6	((("6154561") or ("2001055415") or ("5999636).pn.")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/06 14:49
S47	0	S46 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:49
S48	6	S46 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 14:51
S49	337	non-destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:28
S50	98	((("20070248239") or ("5411340") or ("5510910") or ("5883632") or ("6128022") or ("5946426") or ("4975738") or ("4995061") or ("4999716") or ("5028935") or ("5224179") or ("5283684") or ("5305521") or ("5347600") or ("5361098") or ("5430878") or ("5434956") or ("5450533") or ("5467135") or ("5489782") or ("5528493") or ("5561449") or ("5570433") or ("5594815") or ("5600407") or ("5673207") or ("5714989") or ("5729008") or ("5754704") or ("5847711") or ("5852671") or ("5995661") or ("6002782") or ("6260764") or ("6299062") or ("6361714") or ("6438168") or ("6438251") or ("6441922") or ("6529630") or ("6539127") or ("6683974") or ("6690485") or ("6724921") or ("6731756") or ("6835110") or ("6934405") or ("7034820") or ("7061030") or ("7061564).pn.")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/06 15:31
S51	96	S50 and(@ad<"20031124" or @rlad<"20031124" or @prad<"20031124" or @ptad<"20031124")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:32
S52	0	S51 and non-destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:32



S53	0	S51 and(acquiring or obtaining)near2 radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:33
S54	0	S51 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:33
S55	0	S51 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:34
S56	0	S51 and nuclear adj fuel and rods	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:34
S57	0	S51 and nuclear adj fuel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:35
S58	2	S51 and nuclear	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:35
S59	2	S58 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:35
S60	0	S51 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:38
S61	0	S58 and(detect\$3 or determining)and(defect or flaw or fault)and joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:38

S62	1	S58 and joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:38
S63	4	S51 and joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:38
S64	1	S63 and(detect\$3 or determining)and(defect or flaw or fault)and joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:39
S65	1	S64 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:39
S66	0	S63 and(comparison or match\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:43
S67	1	S63 and thickness and measured	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:44
S68	0	S67 and non-destructive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:44
S69	0	S67 and bead and angles and dimension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:46
S70	0	S67 and angles and dimension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:46

S71	0	S67 and dimension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:46
S72	8587	nuclear adj fuel and assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:56
S73	0	S72 and longituduinal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:57
S74	1712	S72 and longitudinal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:57
S75	584	S72 and longitudinal adj axis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:57
S76	48	S75 and sheath	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:57
S77	17	S76 and sealed and top and bottom	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 15:58
S78	8816	S77 and weld adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:03
S79	1	S77 and weld adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:04

S80	0	S79 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:04
S81	11	S77 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:04
S82	0	S81 and weld adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:05
S83	2321	382/100,249,118.ccls.	USPAT	OR	ON	2009/04/06 16:06
S84	8780	382/100,249,118,232,248,249,276,286,291,154,181,190,195,203.ccls.	USPAT	OR	ON	2009/04/06 16:08
S85	0	S84 and nuclear adj fuel and assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:09
S86	3	S84 and(acquiring or obtaining)near2 radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:10
S87	21	S84 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:10
S88	0	S87 and nuclear adj fuel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:10
S89	0	S87 and(detect\$3 or determining)and(defect or flaw or fault)and joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:11

S90	8821	S87 aqnd weld adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:12
S91	0	S87 and weld adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:12
S92	0	S87 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:13
S93	0	S87 and(detect\$3 or determining)and(defect or flaw or fault)and joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:13
S94	17	S87 and @ad< "20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:13
S95	0	S94 and weld adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:49
S96	6	S94 and angles and dimension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:50
S97	1	S96 and thickness and measured	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:51
S98	0	S97 and porous and(areas or region)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:53

S99	0	S97 and porous	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:53
S100	0	S97 and nuclear adj fuel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:54
S101	7815	358/1.9,1.1,500,501,502,518,520,1.18.ccls.	USPAT	OR	ON	2009/04/06 17:01
S102	1	S101 and(acquiring or obtaining)near2 radiographic adj image\$1	USPAT	OR	ON	2009/04/06 17:02
S103	1	S102 and @ad<"20031124"	USPAT	OR	ON	2009/04/06 17:03
S104	0	(non-destructive and test\$3 and nuclear adj reactor and acquiring and reference adj image and processed and unprocessed and detect adj defects).clm.	US-PGPUB	OR	ON	2009/04/06 17:06
S105	1	(non-destructive and testing and nuclear adj reactor and acquiring radiographic adj image and reference adj image and processed and unprocessed and detect adj defects).clm.	US-PGPUB	OR	ON	2009/04/06 17:07
S106	677	(non-destructive or non adj destructive)and surface adj defects	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 17:27
S107	2	S106 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 17:28
S108	2	S107 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 17:28
S109	0	S108 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 17:28

S110	2	S108 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 17:29
S111	0	S110 and weld adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 17:29
S112	0	S110 and angles and dimension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 17:29
S113	0	S110 and thickness and measured	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 17:29
S114	18896	"378"/\$.ccls.	USPAT	OR	ON	2009/04/06 17:31
S115	4	S114 and(non-destructive or non adj destructive)and surface adj defects	USPAT	OR	ON	2009/04/06 17:31
S116	1	S115 and(acquiring or obtaining)and radiographic adj image\$1	USPAT	OR	ON	2009/04/06 17:32
S117	87931	"250"/\$.ccls.	USPAT	OR	ON	2009/04/06 17:32
S118	88	S117 and(non-destructive or non adj destructive)and surface adj defects	USPAT	OR	ON	2009/04/06 17:32
S119	1	S118 and(acquiring or obtaining)and radiographic adj image\$1	USPAT	OR	ON	2009/04/06 17:32
S120	1	S119 and @ad<"20031124"	USPAT	OR	ON	2009/04/06 17:33
S121	544	(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 23:45
S122	2	S121 and non-destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 23:46

S123	2	S122 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 23:46
S124	0	S123 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 23:50
S125	0	S123 and(acquiring or obtaining)and(radiographic adj image\$1 or Xrays or X-rays)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 23:51
S126	0	S123 and(acquiring or obtaining)and image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 23:51
S127	2	S123 and welding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:00
S128	1	weld adj beads and sealing adj spot adj welds and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:18
S129	2	spot adj welds and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:18
S130	4	weld adj beads and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:19
S131	2	S130 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:19



S132	422935	(nuclear adj fuel or rods)and assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:39
S133	75	S132 and non-destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:39
S134	65	S133 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:39
S135	0	S134 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:39
S136	0	S134 and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:46
S137	33	S134 and(defect or flaw or fault)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:46
S138	0	S137 and weld adj beads and sealing adj spot adj welds and(defect or flaw or fault)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:48
S139	1	(nuclear adj fuel or rods)and weld adj beads and sealing adj spot adj welds and(defect or flaw or fault)and assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:48
S140	1	nuclear adj fuel and weld adj beads and sealing adj spot adj welds and(defect or flaw or fault)and assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:49

S141	11	S132 and tubular adj sheath and pellets and nuclear adj fuel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:51
S142	0	S141 and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:52
S143	3	S141 and(defect or flaw or fault)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:58
S144	1	S143 and @ad< "20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 00:59
S145	0	S144 and(acquiring or obtaining)and image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:01
S146	0	S144 and image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:01
S147	1	S143 and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:02
S148	1	S147 and (reference adj image\$1 or template)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:03
S149	1	S148 and digital adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:03

S150	1	S149 and(processed or unprocessed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:04
S151	1	S150 and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:05
S152	1	S151 and porosity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:05
S153	1	S152 and penetration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:06
S154	1	S153 and subset	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:06
S155	1	S154 and convolver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:06
S156	0	S155 and segmentat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:07
S157	1	S155 and smoothing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:07
S158	0	S157 and calculat\$3 adj differenc	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:08

S159	0	S157 and differenc	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:08
S160	0	S157 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:08
S161	1	S143 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 01:10
S162	423141	(nuclear adj fuel or rods)and assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S163	11	S162 and tubular adj sheath and pellets and nuclear adj fuel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S164	3	S163 and(defect or flaw or fault)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S165	1	S164 and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S166	1	S165 and (reference adj image\$1 or template)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S167	1	S166 and digital adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47

S168	1	S167 and(processed or unprocessed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S169	1	S168 and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S170	1	S169 and porosity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S171	1	S170 and penetration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S172	1	S171 and subset	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S173	1	S172 and convolver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S174	1	S173 and smoothing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:47
S175	423141	(nuclear adj fuel or rods)and assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:49
S176	39638	S175 and(processed or unprocessed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:01

S177	2	S176 and tubular adj sheath and pellets and nuclear adj fuel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:01
S178	3344	S176 and porosity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:03
S179	1187	S178 and penetration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:03
S180	7	S179 and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:03
S181	2	S180 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:04
S182	330	S179 and weld adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:07
S183	1	S179 and weld adj bead same substep and opening adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:07
S184	1	S179 and weld adj bead and substep and opening adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:07
S185	1	S179 and weld adj bead and opening adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:08

S186	0	S182 and segmentat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:08
S187	1063	S175 and segmentat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:09
S188	0	S175 and segmentat\$3 and pixel\$2 and whole adj number	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:09
S189	248	S175 and segmentat\$3 and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:09
S190	104	S189 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:10
S191	1	S190 and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:10
S192	0	S190 and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:08
S193	547	(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:08
S194	2	S193 and non-destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:09

S195	0	S194 and segmentat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:09
S196	0	S193 and segmentat\$3 and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:09
S197	0	S193 and segmentat\$3 adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:10
S198	0	S193 and radiographic adj image\$1 and segmentat\$3 adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:11
S199	1	S193 and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:11
S200	51	radiographic adj image\$1 and segmentat\$3 adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:12
S201	31	S200 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:12
S202	0	S201 and(defect or flaw or fault)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:12
S203	0	S201 and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:13



S204	0	S201 and convolver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:13
S205	9	S201 and smoothing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:13
S206	9	S205 and(processed or unprocessed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:14
S207	0	S201 and(test\$3 or inspect\$3 or examining)and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:20
S208	9221	(test\$3 or inspect\$3 or examining)and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:21
S209	7	S208 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:22
S210	4	S209 and @ad< "20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:22
S211	1	S210 and defects adj welds	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:24
S212	0	S210 and segmentat.\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:25

S213	0	S210 and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:26
S214	0	digital adj map and(weld\$3 adj joint or tubing)and seal\$3 adj radioactive and image\$1 and search\$3 adj porosity and welding adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:35
S215	0	(weld\$3 adj joint or tubing)and seal\$3 adj radioactive and image\$1 and search\$3 adj porosity and welding adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:36
S216	0	(weld\$3 adj joint or tubing)and seal\$3 adj radioactive and search\$3 adj porosity and welding adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:36
S217	0	(weld\$3 adj joint or tubing)and search\$3 adj porosity and welding adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:36
S218	0	(weld\$3 adj joint or tubing)and search\$3 adj porosity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:36
S219	276790	(weld\$3 adj joint or tubing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:37
S220	48	S219 and digital adj map	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:37
S221	0	S220 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:37

S222	0	S220 and search\$3 adj porosity and welding adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:38
S223	0	S219 and search\$3 adj porosity and welding adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:38
S224	432	S219 and welding adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:39
S225	475770	S224 and(test\$3 or inspect\$3 or examining)and nuclear and rod and defect\$3 adj welding and prous adj areas adj fuel reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:42
S226	475770	S224 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 adj welding and prous adj areas adj fuel reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:42
S227	475770	S224 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 adj welding and prous adj areas and fuel reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:43
S228	0	S224 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 adj welding and prous adj areas and fuel adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:43
S229	0	S224 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 adj welding and prous adj areas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:43
S230	0	S227 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 adj welding and prous adj areas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:44

S231	0	S227 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 and welding and prous adj areas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:44
S232	0	S227 and nuclear adj rod and defect\$3 and welding and prous adj areas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:44
S233	4637	(detect\$3 or determining)and weld\$3 adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:46
S234	108	S233 and welding adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:46
S235	0	S234 and(weld\$3 adj joint or tubing)and search\$3 adj porosity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:46
S236	2685525	S234 and(weld\$3 adj joint or tubing)and search\$3 and(porosity or prous)and area or region	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:47
S237	0	S234 and(weld\$3 adj joint or tubing)and search\$3 and(porosity or prous)and (area or region)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:47
S238	83	S234 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:50
S239	0	S238 and radiographic adj image\$1 and segmentat\$3 adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:51

S240	0	S238 and segmentat\$3 adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:51
S241	0	S238 and segmentat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 13:55
S242	0	non-destructive and nuclear adj reactor and radiographic adj (inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:25
S243	0	nuclear adj reactor and radiographic adj (inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:25
S244	0	nuclear adj reactor and radiographic and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:25
S245	0	reactor and radiographic and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:25
S246	11	radiographic and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:26
S247	10	S246 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:26
S248	0	nuclear adj reactor and radiographic adj image\$1 and digital adj image and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:28

S249	48322	nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:28
S250	0	S249 and radiographic and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:29
S251	0	S249 and(acquiring or obtaining or generating)and radiographic adj image\$1 and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:31
S252	0	S249 and(acquiring or test\$3 or inspect\$3 or examining or obtaining or generating)and radiographic adj image\$1 and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:32
S253	2	S249 and(acquiring or test\$3 or inspect\$3 or examining or obtaining or generating)and radiographic adj image\$1 and joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:32
S254	553	(acquiring or test\$3 or inspect\$3 or examining or obtaining or generating)and radiographic adj image\$1 and joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:33
S255	2	S254 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:33
S256	0	nuclear adj reactor and radiographic adj image\$1 and digital adj image and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:36
S257	0	radiographic adj image\$1 and digital adj image and welding adj joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:37

S258	20	(acquiring or test\$3 or inspect\$3 or examining or obtaining or generating)and radiographic adj image\$1 and digital adj image and joints adj image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:38
S259	0	S258 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:38
S260	0	S258 and reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:38
S261	0	S258 and nuclear	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:38
S262	14	S258 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:39
S263	0	S258 and nuclear adj reactor and(area or region or element)and radiographic adj image\$1 and digital adj image and joints	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:44
S264	1	nuclear adj reactor and(area or region or element)and radiographic adj image\$1 and digital adj image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:44
S265	351	non adj destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:47
S266	3	S265 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:48

S267	2	S266 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:48
S268	0	S267 and nuclear adj reactor and(area or region or element)and radiographic adj image\$1 and digital adj image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:49
S269	2	S267 and(comparison or match\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:11
S270	0	S269 and(comparison or match\$3)and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:14
S271	0	S269 and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:14
S272	351	non adj destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:20
S273	3	S272 and(acquiring or obtaining)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:20
S274	2	S273 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:20
S275	2	S274 and(comparison or match\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:20



S276	351	non adj destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:53
S277	7	S276 and(acquiring or obtaining or generating)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:54
S278	1	S276 and(acquiring or obtaining or generating)and radiographic adj image\$1 and digital adj image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:55
S279	1	S276 and(comparison or match\$3)and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:56
S280	8761	nuclear adj fuel and assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:57
S281	6	S280 and(acquiring or obtaining or generating)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:58
S282	1	S281 and(comparison or match\$3)and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:58
S283	5	S281 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:59
S284	0	S283 and(comparison or match\$3)and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:00

S285	4	S280 and(comparison or match\$3)and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:00
S286	3	S285 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:00
S287	3198	welding adj bead	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:03
S288	436334	(nuclear adj fuel or rods)and assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:03
S289	75	S288 and non-destructive and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:04
S290	1	S289 and(acquiring or obtaining or generating)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:05
S291	1	S289 and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:05
S292	1	S289 and(comparison or match\$3)and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:06
S293	0	testing and nuclear adj fuel and rod adj assemblies and pressurised and water adj "reactors."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:07

S294	36	testing and nuclear adj fuel and rod adj assemblies and pressurised and water adj reactors	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:07
S295	2	S294 and(acquiring or obtaining or generating)and(radiographic adj image\$1 or X-ray or beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:08
S296	0	S295 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:08
S297	1	S294 and(acquiring or obtaining or generating)and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:09
S298	1	S294 and radiographic adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:09
S299	1	S294 and(comparison or match\$3)and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:09
S300	29	S294 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:10
S301	0	S300 and(acquiring or obtaining or generating)and(radiographic adj image\$1 or X-ray or beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:15
S302	4	S300 and(acquiring or obtaining or generating)and(radiographic adj image\$1 or X-ray or beam or source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:15

S303	0	S302 and(comparison or match\$3)and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:15
S304	0	S302 and(comparison or match\$3)adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:15
S305	10	S294 and(radiographic adj image\$1 or X-ray or beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:20
S306	6	S305 and @ad< "20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:20
S307	0	S306 and(comparison or match\$3)and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:20
S308	0	S306 and(comparison or match\$3)and image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:20
S309	0	S306 and(comparison or match\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:21
S310	1	quality and weld adj beads and sealing adj spot and welds and digital and radiographic adj image and areas adj rods and inspection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:25
S311	1	weld adj beads and sealing adj spot and digital and radiographic adj image and areas adj rods and inspection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:25

S312	1	weld adj beads and sealing adj spot and radiographic adj image and areas adj rods and inspection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:26
S313	1	weld adj beads and sealing adj spot and inspection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:26
S314	808	(weld or sealing)adj inspection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:26
S315	224	S314 and(acquiring or obtaining or generating)and(radiographic adj image\$1 or X-ray or beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:27
S316	5	S314 and(acquiring or obtaining or generating)and(radiographic adj image\$1 or X-ray or beam)and digital adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:27
S317	3	S316 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:27
S318	0	S317 and(comparison or match\$3)and reference adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:28
S319	1	S317 and(comparison or match\$3)and image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:28
S320	0	S319 and test\$3 and nuclear adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:31

S321	0	S319 and test\$3 and (nuclear adj reactor or reactor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:31
S322	0	S319 and test\$3 and (nuclear adj reactor or reactor or nuclear)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:32
S323	0	S319 and nuclear adj fuel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:33
S324	6	S277 and @ad<"20031124"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:41
S325	2	S324 and(comparison or match\$3)and image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:45
S326	3	"6503188".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:43
S327	0	S326 and network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:44
S328	0	S326 and communication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:44
S329	0	S326 and internet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:44

S330	0	S326 and switch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:45
S331	3	"6641522".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:46
S332	0	S331 and network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:46
S333	0	S331 and switch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:46
S334	0	S331 and communiucation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:46
S335	2	S326 and personal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 10:02
S336	0	S326 and personal adj data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 10:03
S337	0	S331 and switch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 11:08

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